

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 799 886 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
18.11.1998 Bulletin 1998/47

(51) Int Cl.⁶: **C11D 1/94**, C11D 3/10,
C11D 3/12, C11D 3/20,
C11D 17/00, C11D 3/08

(43) Date of publication A2:
08.10.1997 Bulletin 1997/41

(21) Application number: **97610007.3**

(22) Date of filing: **02.04.1997**

(84) Designated Contracting States:
DE DK ES FR GB IT

(72) Inventor: **Schmidt, Erik**
8450 Hammel (DE)

(30) Priority: **03.04.1996 DK 39996**

(74) Representative: **Zeuthen-Aagaard, Henrik et al**
Chas. Hude,
33 H.C. Andersens Boulevard
1553 Copenhagen V (DK)

(71) Applicant: **CLEANTABS A/S**
DK-8450 Hammel (DK)

(54) Laundry detergent tablets

(57) Laundry detergent tablets which in addition to usual adjuvants and additives comprise 0.1 to 15% by weight of nonionic tenside, 0.1 to 15% by weight of amphoteric tenside, 20 to 50% by weight of a polyfunctional carboxylic acid and/or a salt thereof, calculated as trisodium citrate dihydrate, 1 to 30% by weight of layered silicate and/or alkalimetal silicate and/or zeolite as well as 5 to 70% by weight of potassium carbonate. Further ingredients advantageously included in the laundry de-

tergent tablets are sodium carbonate and/or potassium carbonate, sodium bicarbonate and/or potassium carbonate, disintegrating agents, binders, enzymes, anti-foaming agents, agents preventing the running of colour, antiredepositing agents, polymers and complex-binding agents. The laundry detergent tablets have a good washing effect at the same time as they have a good storage stability and dissolve quickly in the washing water.

EP 0 799 886 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 61 0007

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	WO 95 20030 A (UNILEVER) 27 July 1995 * page 12, last paragraph - page 13, paragraph 1; claims 1-9 *	1,2	C11D1/94 C11D3/10 C11D3/12 C11D3/20 C11D17/00 C11D3/08
D,A	EP 0 482 627 A (KAO CORP.) 29 April 1992 * claims 1,5; tables 1,2 *	1-7	
P,A	EP 0 737 738 A (CLEANTABS) 16 October 1996 * page 4, line 26-36; claims 1,6,10 *	1-7	
A	EP 0 504 091 A (VIKING INDUSTRIES) 16 September 1992 * claims 1-3,9 *	1-7	
A	DATABASE WPI Week 9241 Derwent Publications Ltd., London, GB; AN 92-335478 XP002078351 & JP 04 239100 A (LION CORP.) , 26 August 1992 * abstract *	1-7	
D	& JP 04 239100 A (...)		
A	DATABASE WPI Week 9420 Derwent Publications Ltd., London, GB; AN 94-164283 XP002078352 & JP 06 108099 A (LION CORP.) , 19 April 1994 * abstract *	1-7	
D	& JP 06 108099 A (...)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 September 1998	Examiner Van Bellinghen, I
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background C : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document	

EPO FORM 1503 03 82 (P04/01)